RADIO TECHNIQUES

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Environmental Statement
WHAN, Victoria, VA
Exhibit 18
October 2005

1) WHAN will operate on 650 kHz with 50 kW, DA daytime.

2) Areas which have electromagnetic field intensities in excess of ANSI or FCC standards for general exposure must be protected by fences and marked by signs indicating the exposure potential. These areas may be established using the methods outlined in FCC bulletin OET-65.

3) Utilizing the data from OET-65 Supplement A Section 1 Tables 1, 2 and 3 is an accepted method of determining the areas where the MPE is not exceeded. The instructions state that interpolation may be used between the graphs and for power.

4) Tower 1 is 80.8 degrees with 15 degrees of top loading, making the effective height .266 Wavelength, and Tower 2 is 70 degrees with 15 degrees of toploading making the effective height .236. Both Using the table values, the predicted distance for compliance with the FCC limits for tower 1 is 4.0 meters and 5.0 meters for tower 2.

5) At the base of the tower there will be located a locked fence that will be more than the compliance distance meters at its closest approach to the tower.. The fences will have a posted sign alerting those that approach of the potential for excessive electromagnetic radiation exposure by entering the enclosed area. The licensee reserves the right to document actual measured radiation with the directional antenna, and locate the tower fences so as to protect persons from exposure based upon this data. The data and fence locations will be provided in the license application if the fence is at a distance of less than 4 meters from the tower.

6) The station will be constructed so that it may be operated omnidirectionally using either of two of the towers so that maintenance may be accomplished without the need to climb hot towers.

7) There are no other stations in the immediate vicinity of WHAN.